

**FORMATIVE ASSESSMENT - 3**  
**PHYSICAL SCIENCE**

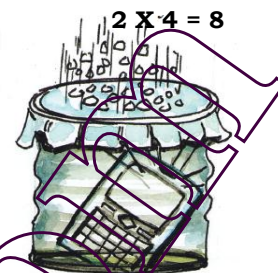
MAX MARKS: 20

Time:45 Minutes.

Name:..... Class: 8th Roll No:.....School:.....

**I. Answer the following questions:**

- 1) Observe the following figure and answer the questions.
  - a) For what to prove we use these type of arrangement?
  - b) Explain this activity in brief.
- 2) Your friend has a doubt about the differences of exhaustible and inexhaustible resources. How can you make him to know it by asking some questions?



**II. Answer the following Short answer type questions.**

- 3) "Sound pollution effect bio diversity." Explain.
- 4) Name some of the petroleum products, which are separated from petroleum by fractional distillation.

**III. Answer the following Very Short answer type questions.**

- 5) Suggest how to reduce sound pollution.
- 6) For roads surfacing, Which petroleum products used?

**IV. Choose the correct answer of the following.**

- 7) Which of the following statements are correct in the case sound? ( )
  - (i) Vibrating body produces sound.
  - (ii) Frequency of the audible sound ranges from 20 vibrations/sec – 2000 vibrations/sec
  - (iii) The sounds which are unpleasant to hear are called noise.
  - (iv) The intensity of sound is measured in dB.

(a) (i),(ii),(iii),(vi)      (b) (i),(ii),(iii)      (c) (ii),(iii),(iv)      (d) (i),(iii),(iv)
- 8) Which of the following is not a correct set of musical instrument and vibrating part in it? ( )
  - (a) Clarinet: Membrane
  - (b) Veena: String
  - (c) Flute: Air Columns
  - (d) Guitar: String
- 9) Match the substances given in Column I with their relatives given in Column II. ( )

Column I	Column I
A) Coal	1. Plankton
B) Natural Gas	2. Carbonization
C) Petroleum	3. Krishna & Godavari Delta

**Codes:**

	<b>A</b>	<b>B</b>	<b>C</b>		<b>A</b>	<b>B</b>	<b>C</b>
(a)	3	2	1	(b)	3	1	2
(c)	2	3	1	(d)	2	1	3

- 10) The main constituent of coal is ( )
  - (a) Carbon
  - (b) Oxygen
  - (c) Air
  - (d) Water
- 11) Shrillness of a sound is known as ( )
  - (a) Pitch
  - (b) Frequency
  - (c) Amplitude
  - (d) Music
- 12) Which one of the following material is used for making shoe polish ( )
  - (a) Paraffin wax
  - (b) Petrol
  - (c) Lubricating Oil
  - (d) diesel

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